BRUHATH BANGALORE MAHANAGARA PALIKE
Yelahanka Division
Work Slip: As per Std Tender Documents

Improvements to Roads and Drains At Anjalu Colony In Ward no:08

Name of Work:
Technical Assistant:
Name of Contractor:
Approved amount:
Provided percentage:

1.00,00,000.00
M S Jakkin Infra Pvt Ltd
9,59,643.00
4.00% Above

Sl. No.	Description of Work	Unit	Qty as per Accepted Rate			Total Qty Executed	Qty as per Anticipated upto 100%			Qty as per Anticipated above 100%			Total Amount	Excess Amount	Savings Amount	Remark
			Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount				
	A		8	9	10	11	12	13	14	15	16	17	18	19	20	21
3	Providing M.C.C. in Roads & Streets for roads, drains & similar works in ordinary soil excluding surface leveling and slope work, ground, the required earth to be handled including breaking of clods complete as per specifications. MORTH Chapter 3	Cum	108.00	2130.00	230106.00	969.98	535.00	2130.00	1140550.00	734.98	247.00	1694127.00	3014233.00	1758828.00	0.00	
4	Providing and laying hand mixed concrete of mix 1:2:4 with OPC @ 320kgs, with crushed 40mm size, down size granite gravels (more coarse aggregates 40mm and fine aggregates @ 0-4mm, by machine mechanically mixed, placed in position and compacted by vibrator including curing for 28 days including cost of all materials, labour, water curing, form works, scaffolding and removing complete as per	Cum	332.80	3780.00	1257984.00	958.58	958.58	3780.00	3623625.00	0.00	3780.00	0.00	6233825.00	3103325.00	0.00	
5	Providing and laying plain machine mixed cement concrete for wet drains using M20 nominal mix concrete with OPC @ 320 kgs with 20mm size down size granite metal coarse aggregates as per cum and fine aggregates at 0-03 cum machine mixed, well compacted for walls and bottom including cutting, shuttering, cost of materials, hire of machines, curing etc., complete including cost of steel as per MORTH specification No. 1500, 1700, 2300, including cost of materials, labour, hire complete as per specifications, wall & bottom thickness	Cum	178.53	7423.00	1325794.00	180.53	180.53	7423.00	1341048.00	0.00	7423.00	0.00	1341048.00	15254.00	0.00	
10	Providing and laying R.C. Precast cover slab of 120mm thick for drain in cement concrete M20 using grinded granite split 20mm and down size with steel reinforcement including form work, RR Charges, curing and concrete finishes surfaces on both sides etc, complete and as per drawing and the directions of Engineer-in-charge.	Sqm	332.80	3454.00	1149491.00	1018.30	600.30	3454.00	1034190.00	327.83	3454.00	809483.00	1843673.00	1143183.00	0.00	
	Grand Total													1368274.00	0.00	

Note: Percentage of Wastage upto the sanctioned estimated excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	9,59,643.00
Excess Amount =	1,368274.00
Savings Amount =	1,868794.00

$$\text{Percentage of Wastage} = \frac{\text{Excess Amount}}{\text{Approved Amount}} \times 100$$

Percentage of Wastage =	14.73 %

WORKS SUPERVISED

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

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BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Comparitive Statement

Name of Work: Improvements to Roads and Drains At Kogilu Colony In Ward no.05

Estimate Amount:- 1,00,00,000.00

Name of Contractor:- M S Jathin Infra Pvt Ltd

Approved amount:- 9288431/-

Tender premium:- 4.98% Above

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	D
1	Removing and resetting of Footpath slab	Sqm	144.00	219.00	31536.00	68.85	68.85	219.00	15078.00	0.00	219.00	0.00	68.85	15078.00	0.00	16458.00	
2	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. By Manual Means :B. Cement Concrete Grade M-15 & M-20.	Cum	340.14	526.00	178914.00	302.41	302.41	526.00	159066.00	0.00	526.00	0.00	302.41	159066.00	0.00	19848.00	
3	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	108.00	237.00	25596.00	849.88	135.00	237.00	31995.00	714.88	237.00	169427.00	849.88	201422.00	175826.00	0.00	
4	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimmingbottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	1391.61	135.00	187867.00	0.00	0.00	135.00	0.00	0.00	135.00	0.00	0.00	0.00	0.00	187867.00	
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 [illegible]	Cum	102.82	5780.00	594300.00	108.19	108.19	5780.00	625325.00	0.00	5780.00	0.00	108.19	625325.00	31025.00	0.00	
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost	Cum	178.33	7423.00	1323744.00	180.77	180.77	7423.00	1341848.00	0.00	7423.00	0.00	180.77	1341848.00	18104.00	0.00	
7	Providing and laying in position plain/Reinforced cement cement concrete M20 for sub-structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3 lts confirming to IS 9103 2008,concrete laid in layers, well compacted and providing weep holes wherever necessary, with necessary scaffolding, form work etc., including cost of labour, HOM curing etc., complete	Cum	88.14	5541.00	488384.00	49.02	49.02	5541.00	271641.00	0.00	5541.00	0.00	49.02	271641.00	0.00	216743.00	

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	Description of Work	Unit	Qty as per SchedoleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	16	17	18	19	20
8	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, hases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.1	Sqm	44.40	287.00	12743.00	37.20	37.20	287.00	10675.00	0.00	287.00	0.00	37.20	10675.00	0.00	2068.00	
9	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.1	Sqm	552.00	398.00	219696.00	194.06	194.06	398.00	77237.00	0.00	398.00	0.00	194.06	77237.00	0.00	142459.00	
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM	Tn	19.10	78978.00	1508480.00	15.53	15.53	78978.00	1226287.00	0.00	78978.00	0.00	15.53	1226287.00	0.00	282193.00	
11	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	552.30	2454.00	1355344.00	1018.20	690.38	2454.00	1694180.00	327.83	2454.00	804481.00	1018.20	2498661.00	1143317.00	0.00	
12	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	sqm	136.20	5688.00	774706.00	105.57	105.57	5688.00	600482.00	0.00	5688.00	0.00	105.57	600482.00	0.00	174224.00	
13	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length	Cum	241.60	3990.00	963984.00	226.80	226.80	3990.00	904950.00	0.00	3990.00	0.00	226.80	904950.00	0.00	59034.00	
14	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per	Cum	274.60	5471.00	1502337.00	226.80	226.80	5471.00	1240848.00	0.00	5471.00	0.00	226.80	1240848.00	0.00	261489.00	

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	Name of work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
25	...um de-watering with vaccum pump and suction mat and ...action with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	1610.70	75.00	120803.00	1512.03	1512.03	75.00	113402.00	0.00	75.00	0.00	1512.03	113402.00	0.00	7401.00	
	Sub Total													**9286924.00**	**1368274.00**	**1369784.00**	
	Miscellaneous & Rounding off													**1507.11**	**1507.11**		
	Total				**9288431.00**									**9288431.00**	**1369781.11**	**1369784.00**	

Contractor

Assistant Engineer

Asst. Executive Engineer

Executive Engineer

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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